

Revisions				216389	E
LAL	Rev.	Description	Chk	Date	Approved
	A	ENGRG RELEASE	<i>FIL BU</i>		<i>R. Freeman</i>
	B	REVISED	<i>FIL BU</i>	<i>6-14 76</i>	<i>R. Freeman</i>
	C	REVISED RESET MODE REGISTER LOGIC	<i>SW</i>	<i>7-19 76</i>	<i>R. Freeman</i>
	D	M/L ITEM 11 8T10 WAS 74173. SH 9 A14,15,16,17 8T10 WAS 74173. SH 11 A46, 47 8T10 WAS 74173.	<i>SW</i>	<i>10-22 76</i>	<i>R. Freeman</i>
	E	M/L ITEM 41 ADDED R20, QTY WAS 1.	<i>SW</i>	<i>4-10 77</i>	<i>R. Freeman</i>

THIS DOCUMENT CONTAINS 18 SHEETS

Dist Code ALT

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Notes Unless Specified

- Tolerances
.XX ± 0.03 Angular $\pm \frac{1}{2}^\circ$
.XXX ± 0.10
- Break All Sharp Edges
.010 Approx.
- Mach. Surfaces ☒
- All Dim. in Inches

Drawn *W. H. H. H.*

Check *W. H. H. H.*

Appr. *R. Freeman*

Material

Xerox Corporation
El Segundo, California

XEROX

Title
ALTO II
ASSEMBLY, PRINTED WIRING-
DISK CONTROL

Idel No.
First Use **ALTO II**
EW0 7YF 92

Finish

Code Ident.
18338

Size
A

Dwg. No.
216389

Change
Letter
E

Next Assy.
First Use
216302

Scale

Do Not Scale Drawing

Sheet **1**

NOTES: UNLESS OTHERWISE SPECIFIED

1. CUT ETCH AND ADD JUMPER AS FOLLOWS:
 - A. CUT ETCH BETWEEN A11-13 AND FEED THRU (NEAR C22),
(COMPONENT SIDE), (FEED THRU CONNECTS TO PIN 70).
 - B. CUT ETCH BETWEEN A11-10 AND A11-13, (CIRCUITRY SIDE).
 - C. ADD JUMPER FROM A11-10 TO FEED THRU (NEAR C22),
(FEED THRU CONNECTS TO PIN 70).
 - D. ADD JUMPER FROM PIN 73 TO A11-13.
2. ASSEMBLE PER ALTO II MODULE ASSEMBLY SPECIFICATION, DWG NO. 216207.

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DISK CONTROL

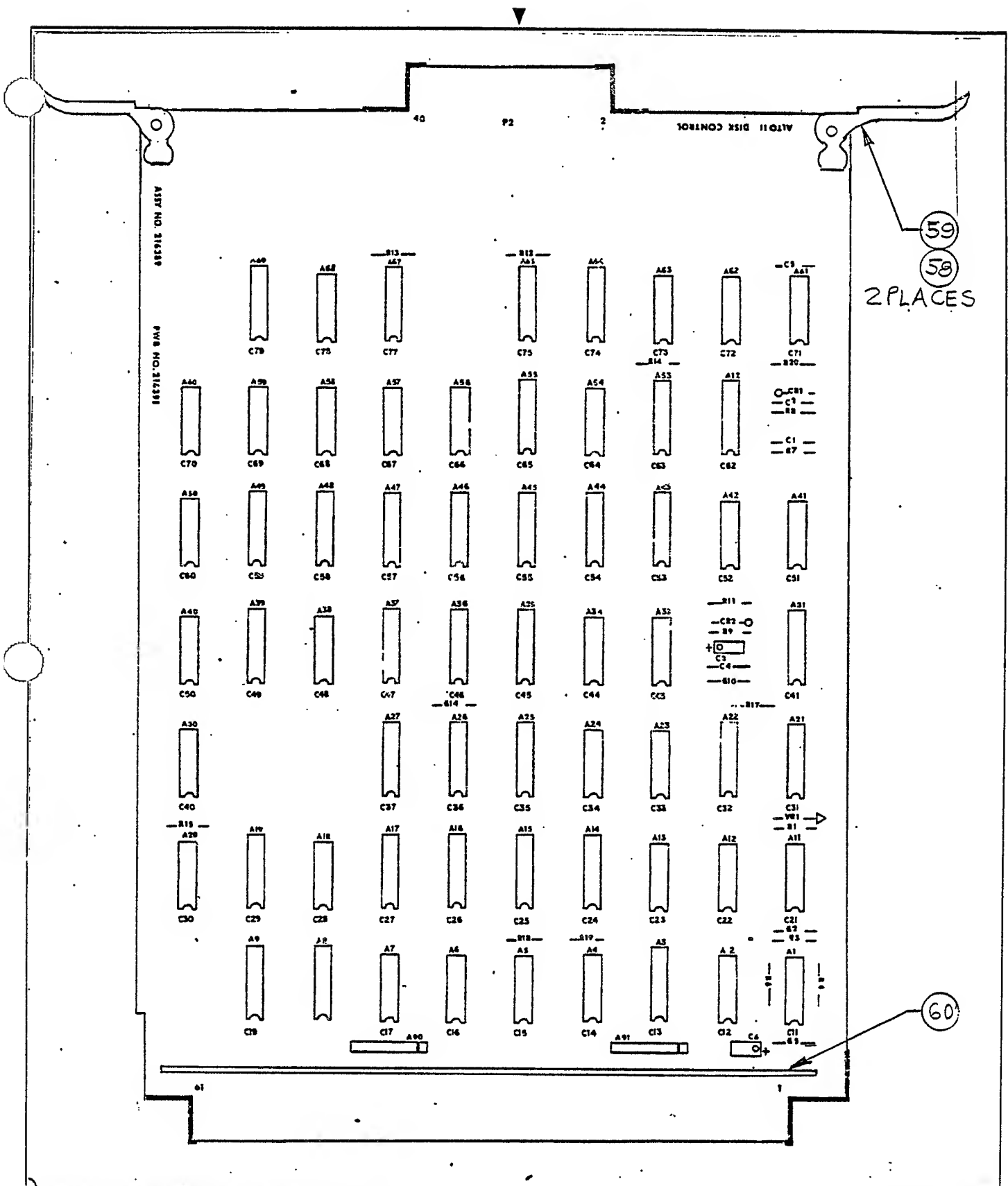
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Title
ASSY, P.W.-
DISK CONTROL

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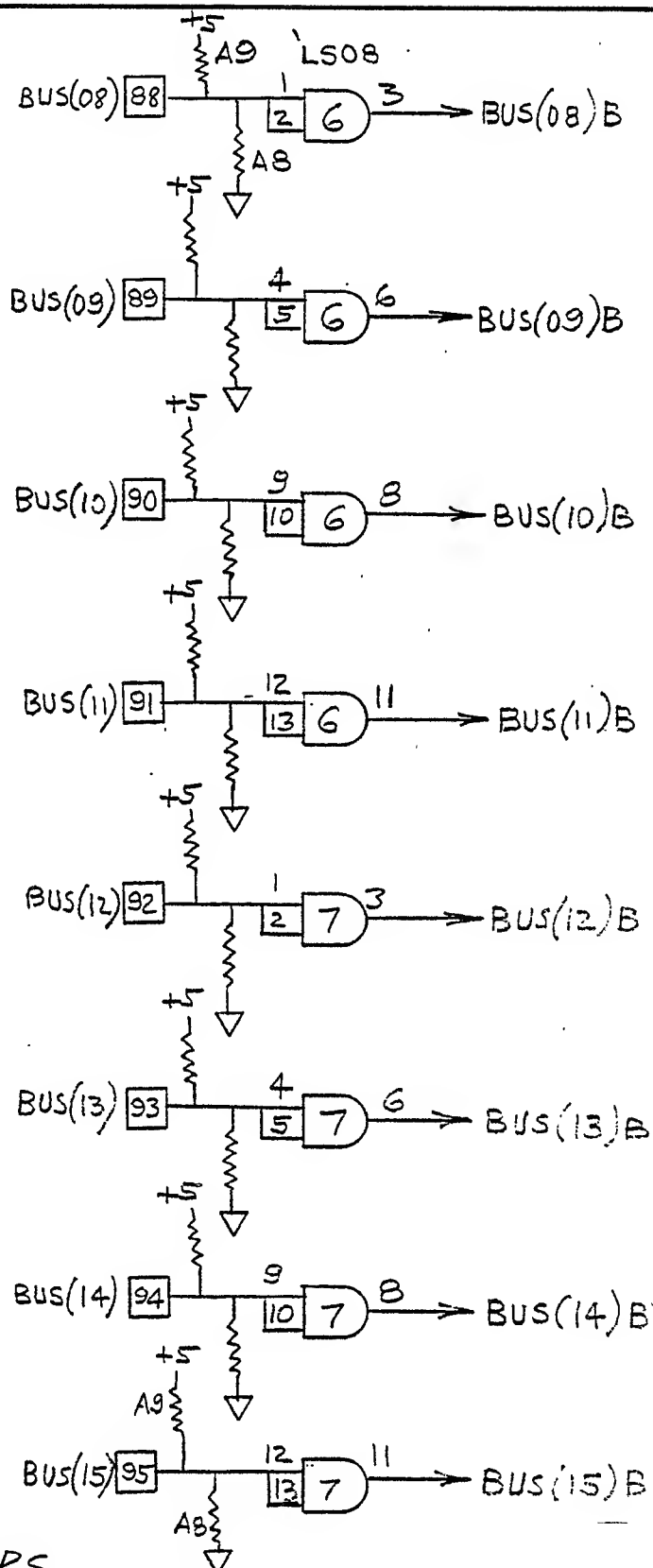
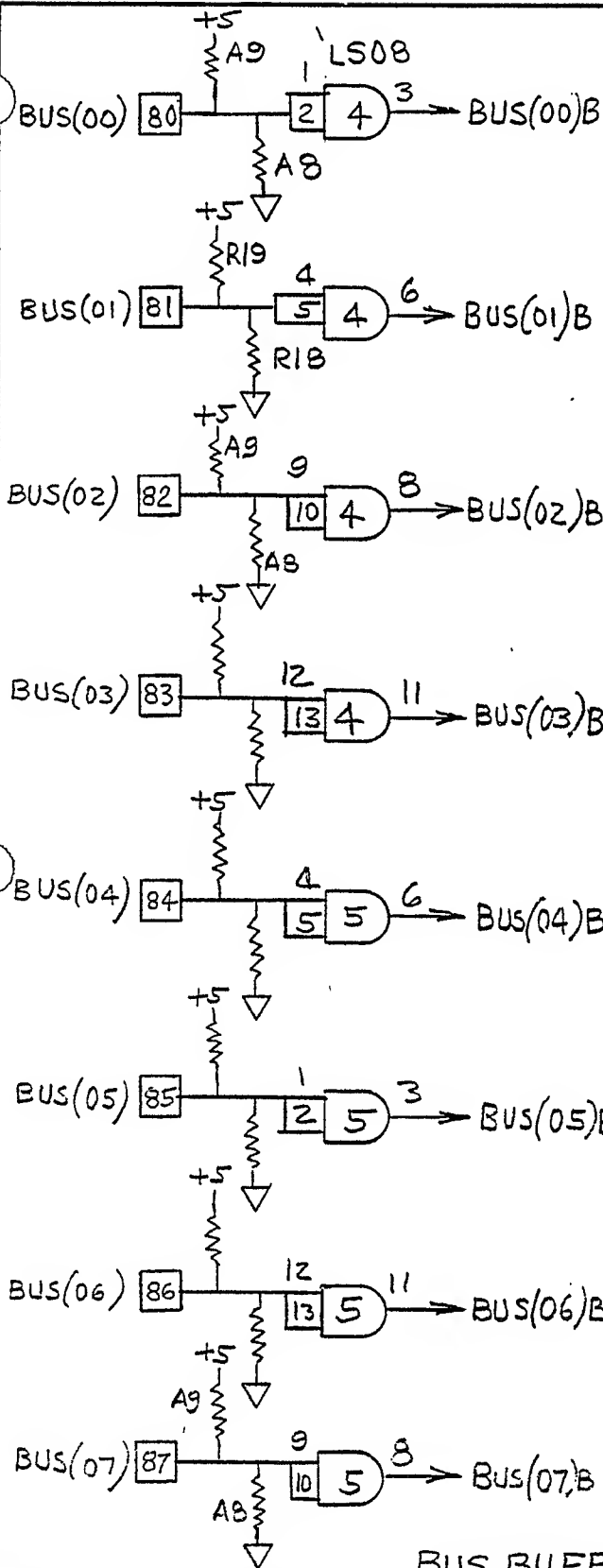
Material List

ML	Drawing No. 216389	Rev. E
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Rev. E	Drawing Title ALTO II ASSEMBLY, PRINTED WIRING- DISK CONTROL	These drawings and specifications, and the data contained therein, are the exclusive property of Xerox Corporation and/or Rank Xerox, Ltd. issued in strict confidence and shall not, without the prior written permission of Xerox Corporation or Rank Xerox, Ltd., be reproduced, copied or used for any purpose whatsoever, except the manufacture of articles for Xerox Corporation or Rank Xerox, Ltd.		
		Model No. ALTO II	Date 6/14/76	Sheet 4 of

Drawing No. 216389	Item No.	Drawing Title	Drawing No.	No. Req.	Remarks
ML	1	BOARD, PRINTED WIRING	216391	1	
	2	SPEC, TEST	216390	REF	
	3	SPEC, MODULE ASSEMBLY	216207	REF	
	4	MICROCIRCUIT, MPQ3303		1	A1
	5	74H04		3	A2, 56, 59
	6	3205		1	A3
	7	74LS08		4	A4, 5, 6, 7
	8	74H00		1	A11
	9	74S04		1	A12
	10	74164		2	A13, 18
	11	8T10		6	A14, 15, 16, 17, 46, 47
	12	74166		2	A19, 39
	13	7437		5	A20, 30, 40, 58, 68
	14	74109		8	A21, 22, 43, 44, 45, 53, 55, 67
	15	74S32		2	A23, 57
	16	7438		2	A24, 34
	17	74174		3	A25, 26, 27
	18	74123		2	A31, 52
	19	7400		2	A33, 63
	20	13404		1	A35
	21	74195		2	A36, 37
	22	74H08		2	A38, 42
	23	74H11		1	A41
	24	8231		2	A48, 49
	25	74H01		2	A50, 60
	26	74S02		1	A54
	27	7414		1	A61
	28	74H106		1	A64
	29	74153		1	A65
	30	MICROCIRCUIT, 74161		1	A69
	31	OSCILLATOR, K1100A		1	A62
	32				

Material List		ML	Drawing No. 216389	Rev. E	
Rev. E.	Drawing Title ALTO II ASSEMBLY, PRINTED WIRING- DISK CONTROL		These drawings and specifications, and the data contained therein, are the exclusive property of Xerox Corporation and/or Rank Xerox, Ltd. issued in strict confidence and shall not, without the prior written permission of Xerox Corporation or Rank Xerox, Ltd., be reproduced, copied or used for any purpose whatsoever, except the manufacture of articles for Xerox Corporation or Rank Xerox, Ltd.		
	Model No. ALTO II		Date 6/14/76	Sheet 5 of	
Drawing No. 216389	Item No.	Drawing Title	Drawing No.	No. Req.	Remarks
	ML				
	33	RESISTOR, NETWORK, DIP, 270Ω (AB#316A271)		1	A9
	34	RESISTOR, NETWORK, DIP, 560Ω (AB#316A561)		1	A8
	35	RESISTOR, NETWORK, 470Ω, (CTS #750-81-R470)		2	A90, 91
	36	RESISTOR, FILM, 39Ω ±5%, 1/4W	116447-390	2	R1, R2
	37	200 Ω ±5%, 1/4W	116447-201	5	R3, 4, 5, 6, 12
	38	24K ±5%, 1/4W	116447-243	2	R7, 8
	39	15K ±5%, 1/4W	116447-153	1	R9
	40	30K ±5%, 1/4W	116447-303	1	R10
	41	330 Ω ±5%, 1/4W	116447-331	2	R11, R20
	42	560 Ω ±5%, 1/4W	116447-561	1	R18
	43	270 Ω ±5%, 1/4W	116447-271	1	R19
	44	RESISTOR, FILM, 1K ±5%, 1/4W	116447-102	5	R13, 14, 15, 16, 17
	45				
	46	DIODE, IN4148		2	CR1, CR2
	47	DIODE, ZENER, IN5227		1	VR1
	48				
	49	CAPACITOR, 150PF NYTRONICS DC151		1	C1
	50	CAPACITOR, .01μF		2	C2, C4
	51	CAPACITOR, .47μF ±20%, 50V	114491-474	1	C3
	52	CAPACITOR, 270PF NYTRONICS DC 271		1	C5
	53	CAPACITOR, TANT., 22μF ±20%, 15V	114491-226	1	C6
	54	CAPACITOR, .05μF, 10V CENTRALAB#UK10-503		62	C11-17, 19, 21-37, 40,
					41, 43-60, 62-75, 77-79
	55				
	56	SOCKET, MICROCIRCUIT		31	AUGAT#514-AG10D
	57	SOCKET, MICROCIRCUIT		32	AUGAT#516-AG10D
	58	RIVET	156111-005	2	
	59	EXTRACTOR	216250	2	
	60	STIFFENER	216242	1	



BUS BUFFERS

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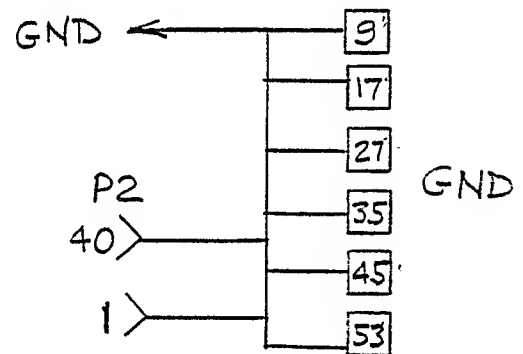
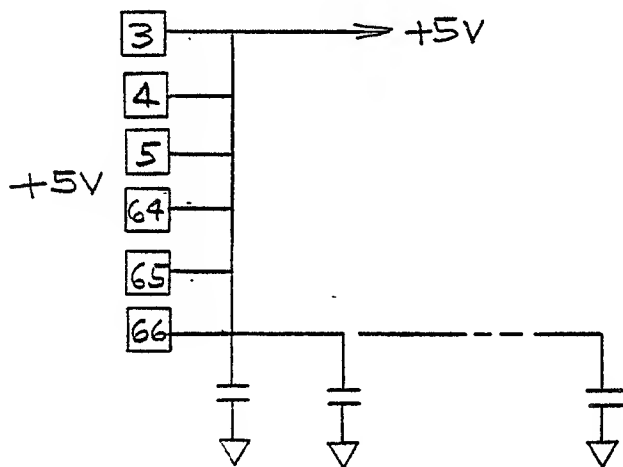
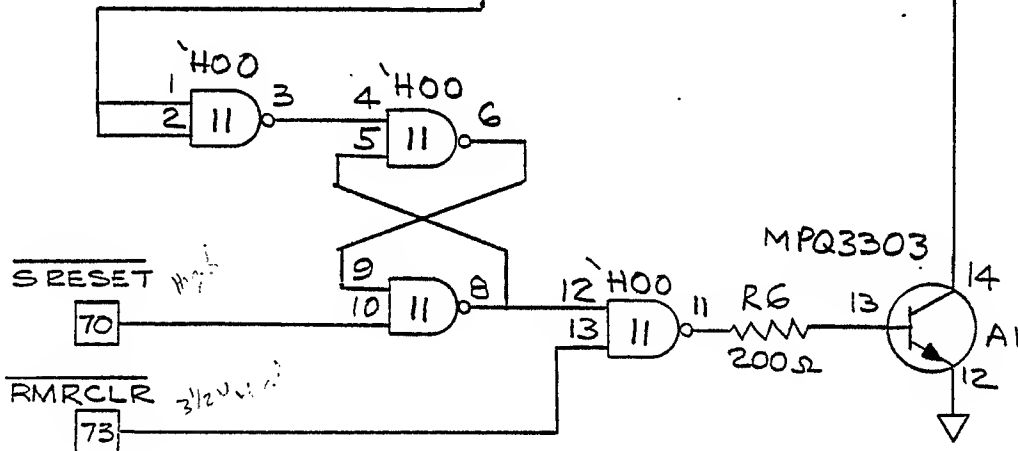
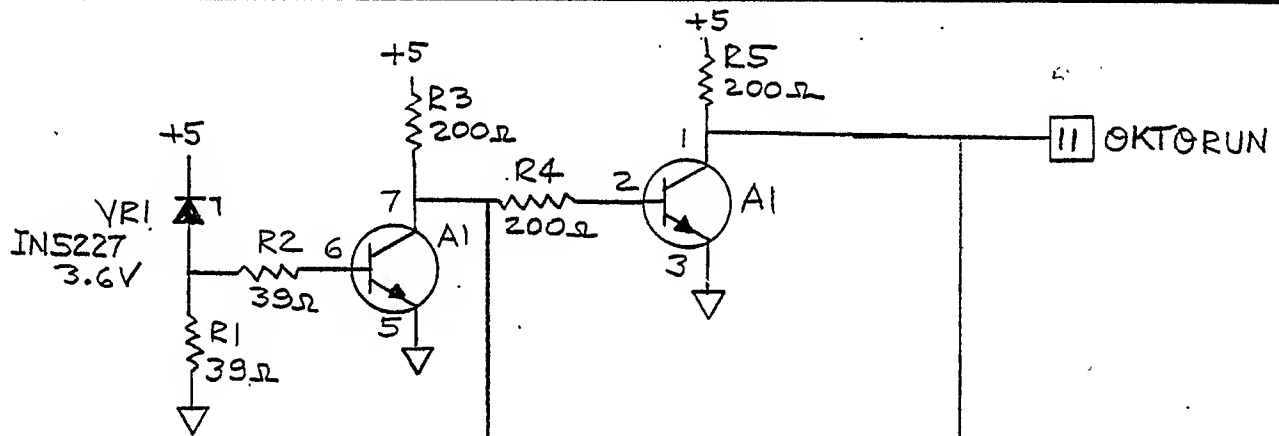
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POWER ON RESET

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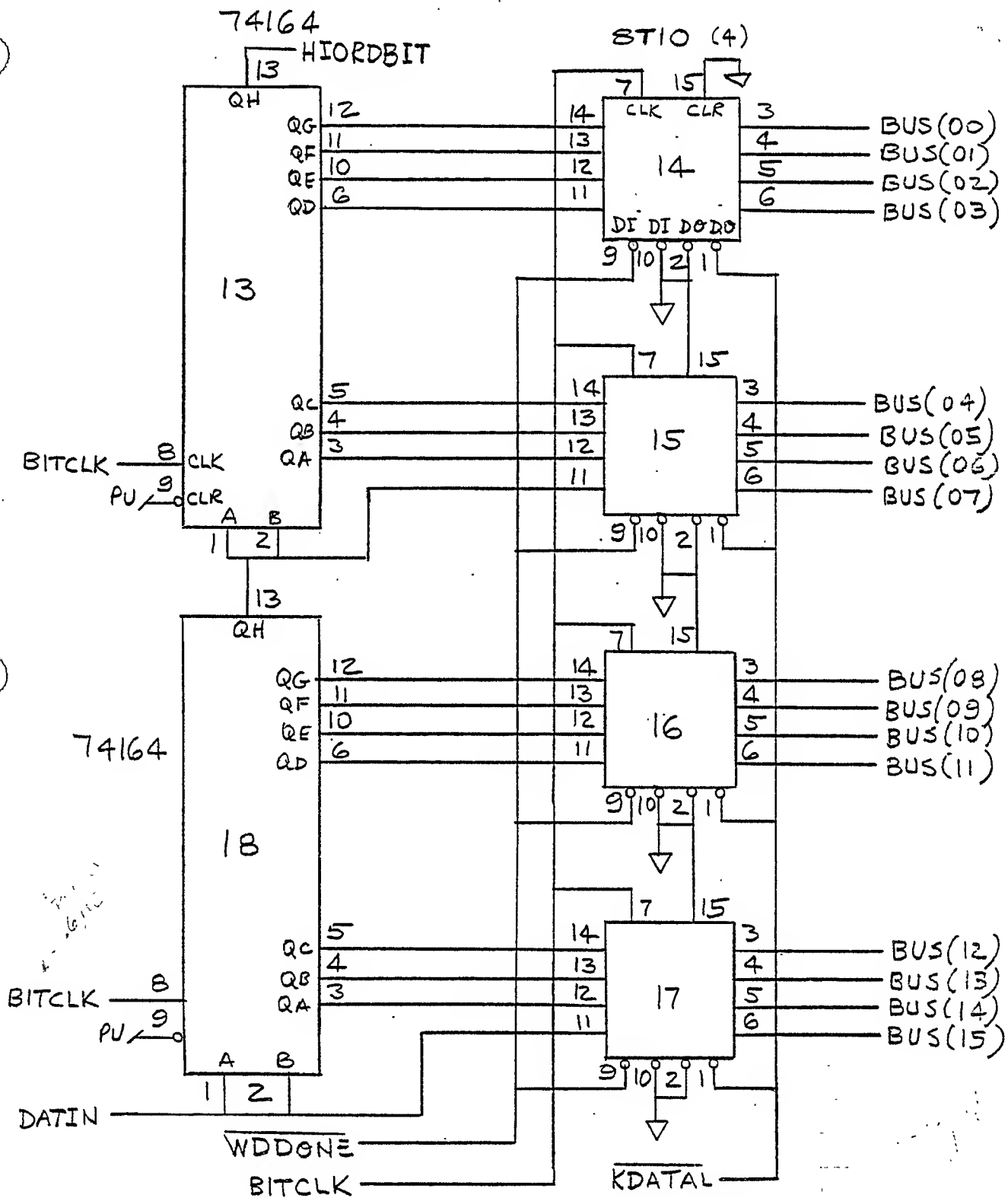
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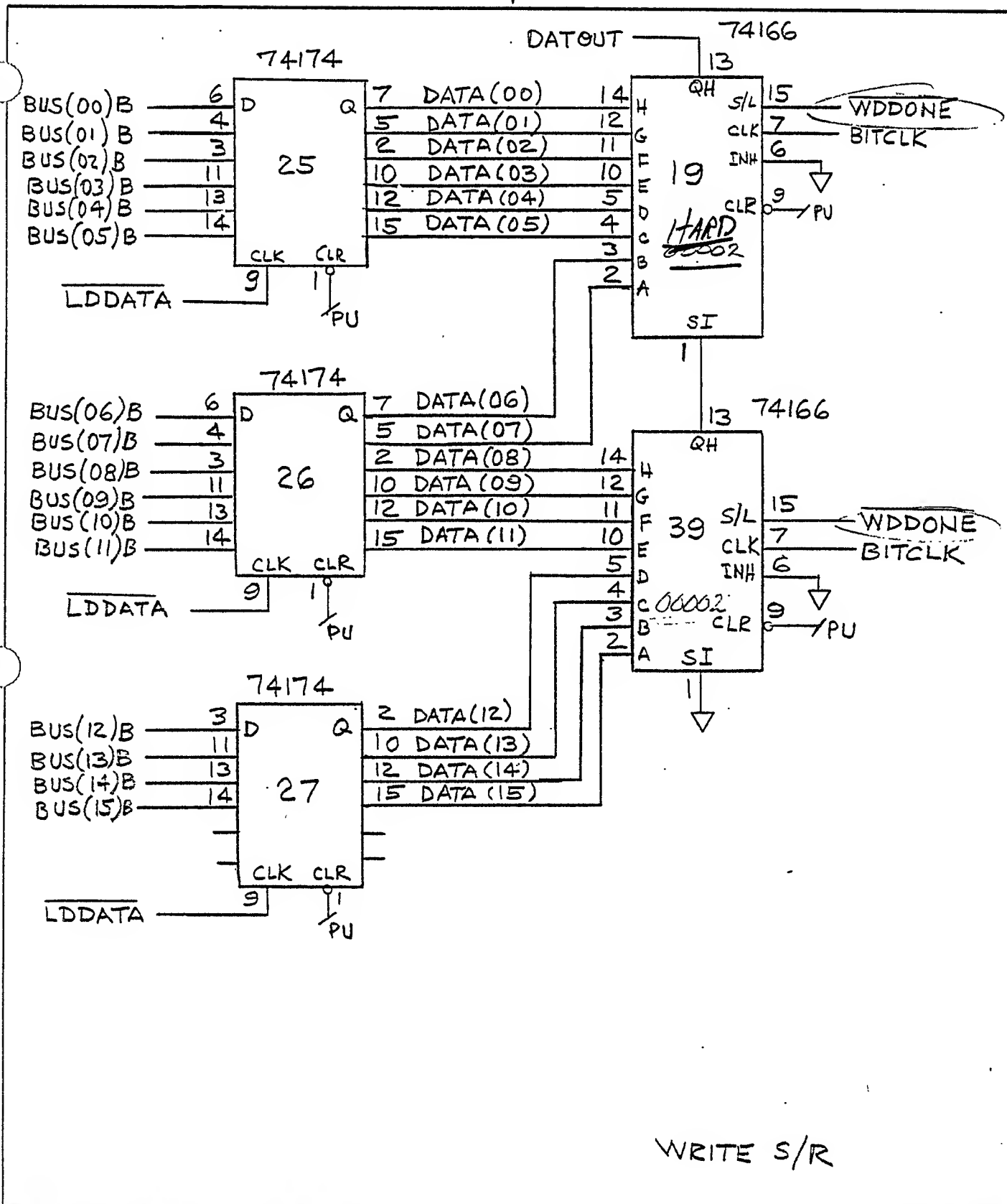
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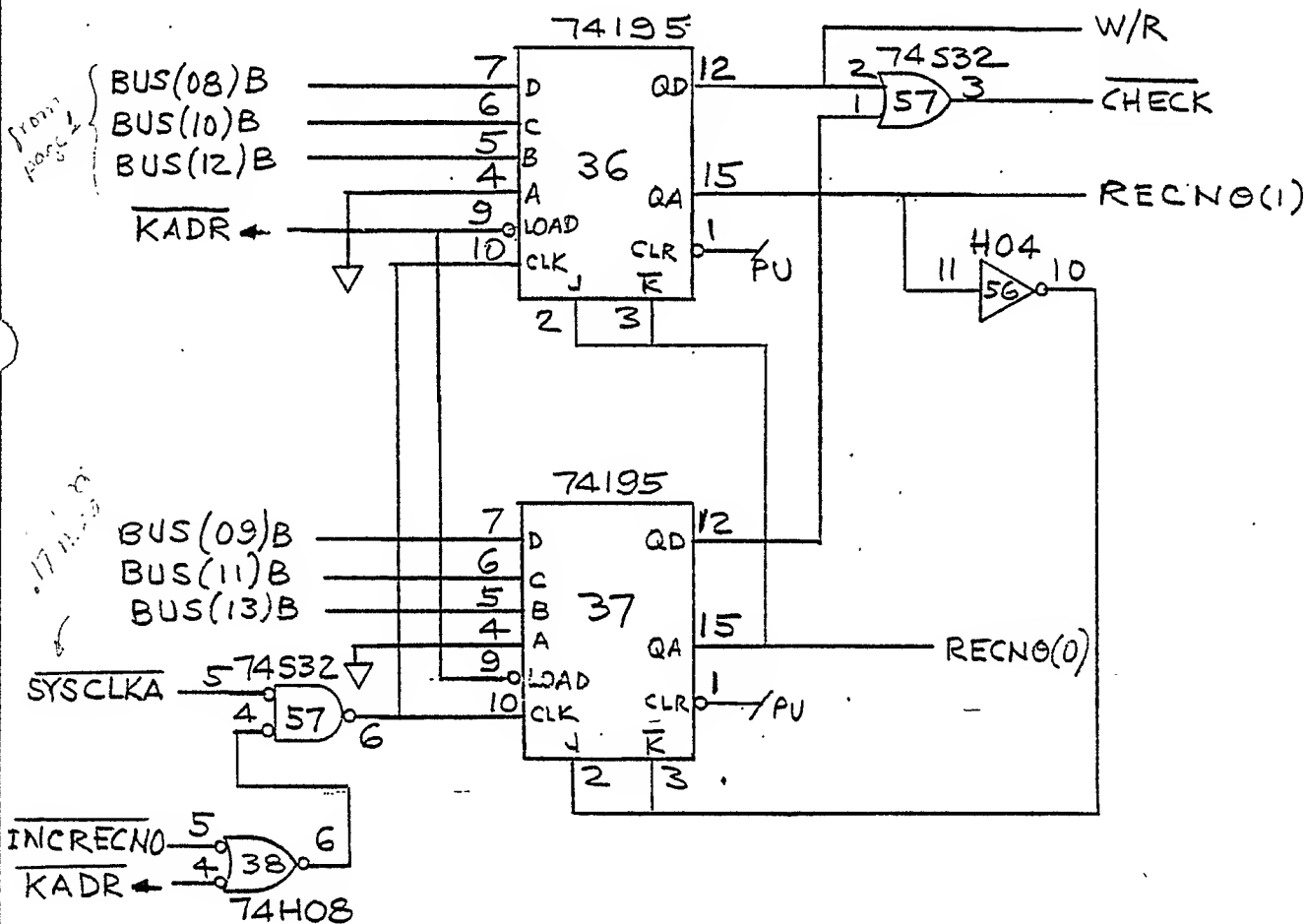
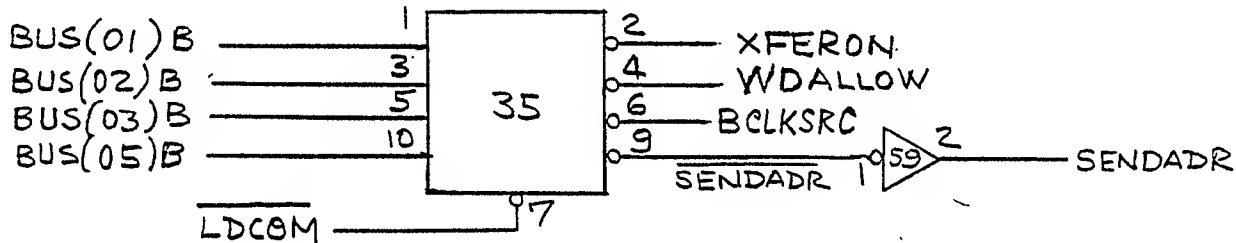
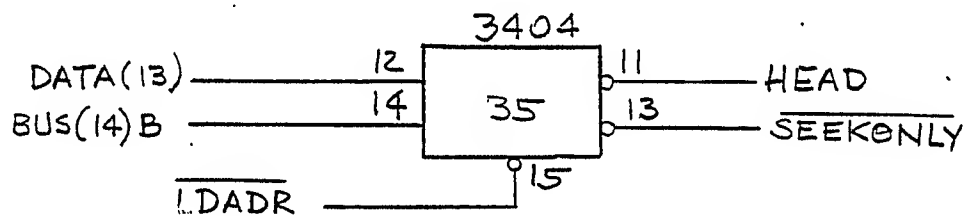
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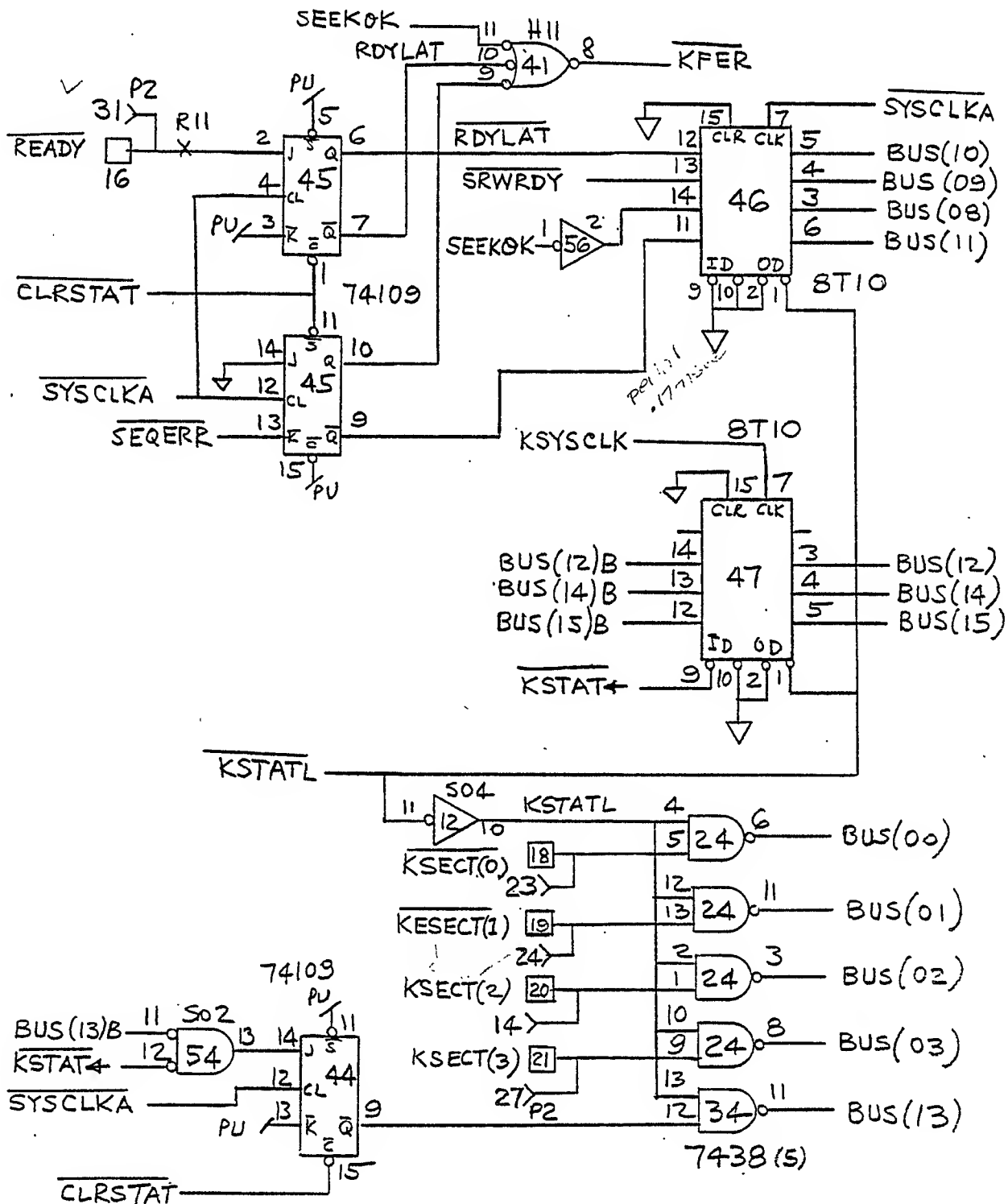
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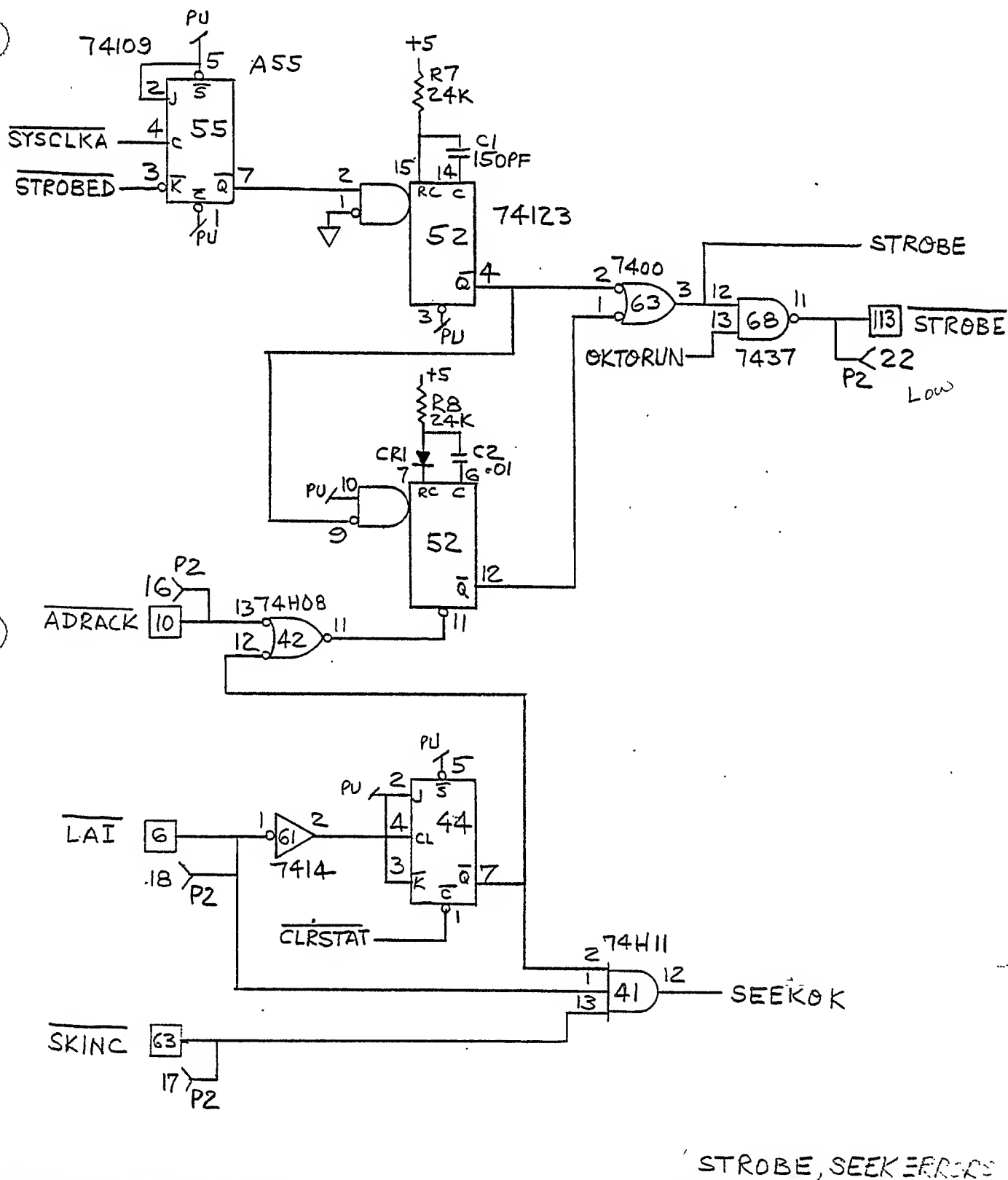
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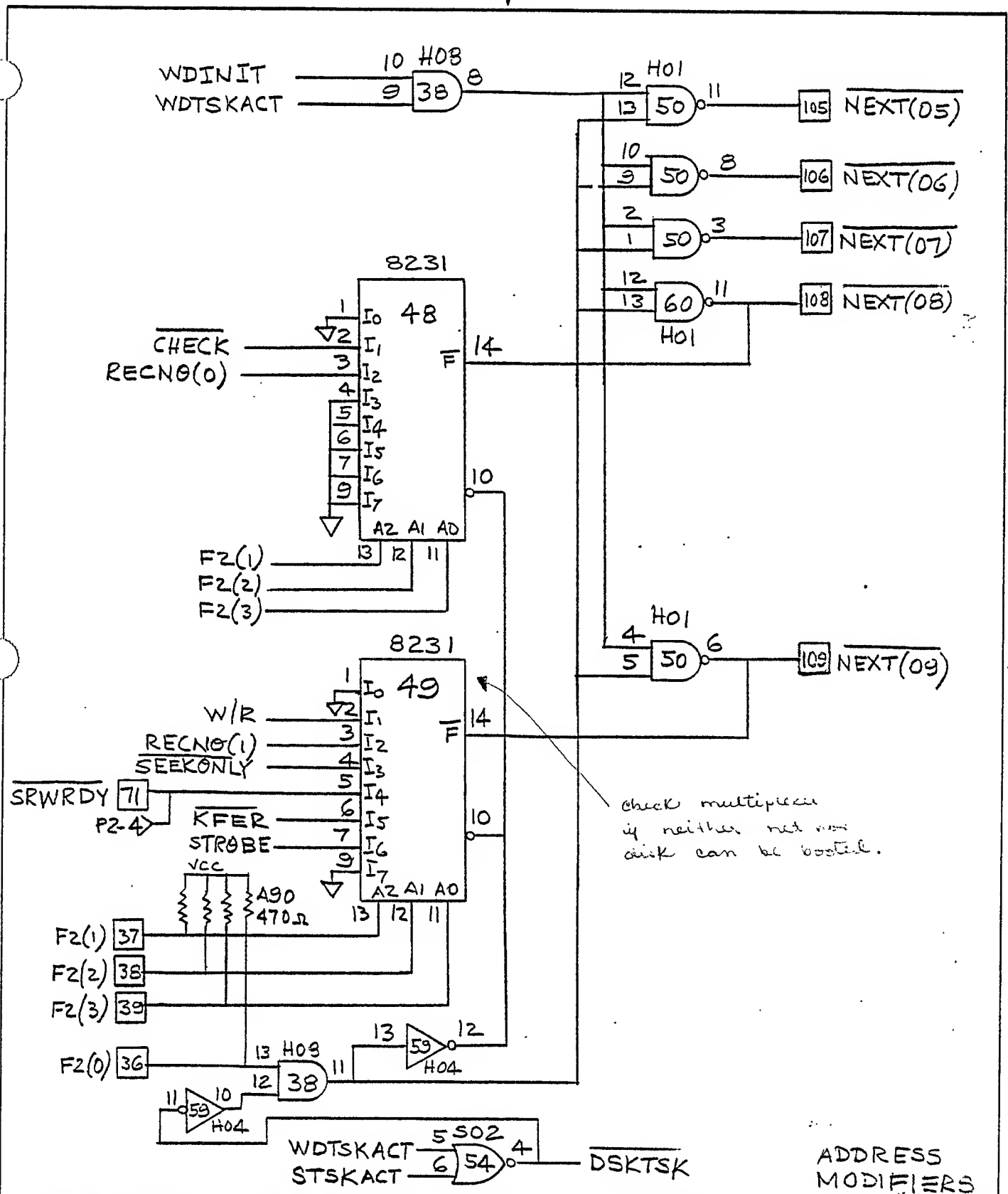
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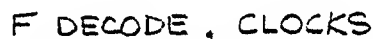
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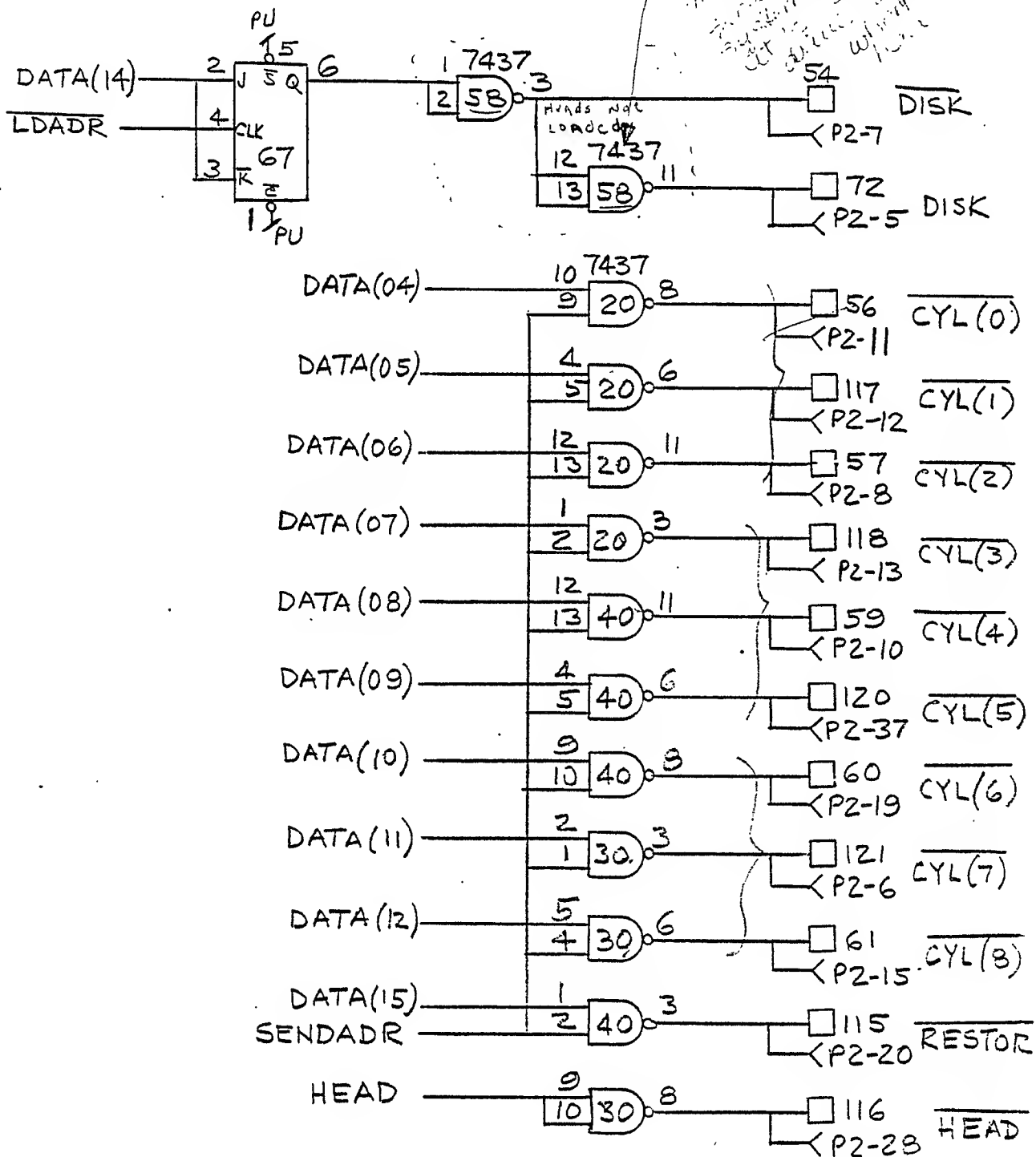
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DISK ADDRESSING

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